

ABSTRACT OF THE DISCLOSURE

In a method for determining specific conditions or changes in the endometrium or in the epithelium of other organs, RNA from a blood sample or tissue sample isolated and the expression or over expression of mRNA of at least one of β 7-hCG, β 6-hCG, and β 6e-hCG is measured quantitatively in the blood or tissue sample. Additionally, total β hCG mRNA expression or mRNA expression of at least one of β 5-hCG, β 8-hCG, β 3-hCG is quantitatively measured and brought into relation with the expression or over expression of mRNA of at least one of β 7-hCG, β 6-hCG, and β 6e-hCG.